



#7
07-09-03
51

2682

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of)
Smee et al.) For: METHOD AND APPARATUS
Serial No.: 09/965,204) FOR VARYING THE LENGTH OF AN
) ADAPTIVE EQUALIZER BASED ON
) DOPPLER FREQUENCY
Filed: 09/25/2001) Group Art Unit: 2682

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(c)

RECEIVED

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

JUL 02 2003
Technology Center 2600

Dear Sir:

Applicants submit the enclosed information in accordance with a duty to disclose information under 37 CFR § 1.56.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents and Trademarks, Alexandria, VA 22313-1450, on:

June 25, 2003

(Date of Deposit)

Caprice P. Hall

(Name of the Person Making Deposit)

Caprice P. Hall

(Signature)

June 25, 2003

(Date of Signature)

Customer No. 23696
010487

In accordance with 37 CFR § 1.98 submitted herewith for consideration by the Examiner are the patents, publications and other information shown on the attached PTO-1449.

The citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

☒ The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

Dated: June 25, 2003

By: Kent Baker
Kent D. Baker
Attorney for Applicants
Registration No. 38,822

QUALCOMM Incorporated
5775 Morehouse Drive
Attn: Patent Department
San Diego, California 92121-1714
Telephone: (858) 658-1930
Facsimile: (858) 658-2502



FORM PTO-1449 REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 010487	SERIAL NO. 09/965,204
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Smee et al.	
		FILING DATE 09/25/2001	GROUP 2682
DATE MAILED: June 25, 2003			

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1 5 9 0 9 3 8 4	06/01/1999	Tal et al.			
	A2					
	A3					
	A4					
	A5					
	A6					
	A7					

RECEIVED

JUL 02 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1						
	B2						
	B3						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	Riera-Palou et al. "Variable Length Equalizers for Broadband Mobile Systems," IEEE VTS 52 nd , Vehicular Technology Conference, Boston, MA, Sep. 24-28, 2000; IEEE, Piscataway, USA, Vol. 5, Sept. 24, 2000, pages 2478-2485.
	C2	Nicol et al. "A Low-Power 128-Tap Digital Adaptive Equalizer for Broadband Modems," IEEE JOURNAL OF SOLID STATE CIRCUITS, IEEE Inc. New York, USA, Vol. 32, No. 11, November 1997, pages 1777-1789.
	C3	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 7-80)	ATTY. DOCKET NO. 010487	SERIAL NO. 09/965,204
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT Smee et al.	
	FILING DATE 09/25/2001	GROUP 2682
DATE MAILED: June 25, 2003		

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1	5 9 0 9 3 8 4	06/01/1999	Tal et al.			
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1						
	B2						
	B3						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

C1	Riera-Palou et al. "Variable Length Equalizers for Broadband Mobile Systems," IEEE VTS 52 nd , Vehicular Technology Conference, Boston, MA, Sep. 24-28, 2000; IEEE, Piscataway, USA, Vol. 5, Sept. 24, 2000, pages 2478-2485.	
C2	Nicol et al. "A Low-Power 128-Tap Digital Adaptive Equalizer for Broadband Modems," IEEE JOURNAL OF SOLID STATE CIRCUITS, IEEE Inc. New York, USA, Vol. 32, No. 11, November 1997, pages 1777-1789.	
C3		
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		